



THW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78440

Takamitsu HIGUCHI, et al.

Appln. No.: 10/705,251

Group Art Unit: 2834

Confirmation No.: 3192

Examiner: DOUGHERTY, Thomas M.

Filed: November 12, 2003

For: PIEZOELECTRIC DEVICE, LIQUID JETTING HEAD, FERROELECTRIC DEVICE,
ELECTRONIC DEVICE AND METHODS FOR MANUFACTURING THESE DEVICES

SUBMISSION OF SUBSTITUTE DECLARATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached please find a Substitute Declaration and Power of Attorney identifying the
application by its Application Number and filing date.

The Examiner is respectfully requested to acknowledge receipt of this Declaration.

Respectfully submitted,

Kelly G. Hyndman
Registration No. 39,234

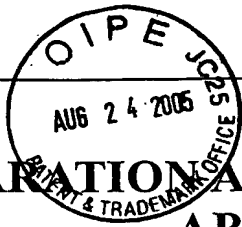
SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: August 24, 2005



Docket No.: Q78440

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 C.F.R. 1.63)

特許出願宣言書および委任状(37 C.F.R. 1.63)

Japanese Language Declaration

私は以下の通り宣言します：

各発明者の住所、郵送先、および国籍は下記氏名の後に記載された通りです。

下記名称の発明に関し請求範囲に記載され特許出願がされている発明内容につき、下記に記載された発明者が本来かつ最初の発明者であると信じます。

☐ 上記発明の明細書は本書に添付されます。

または

☐ 上記発明は米国出願番号あるいはPCT国際出願番号
_____ (確認番号_____) として_____
年__月__日に提出され、
_____年__月__日に補正されました (該当
する場合)。

私は補正が上に明示された場合は補正された特許請求範囲を含む前記明細書の内容を検討し、理解していることをここに表明します。

私は一部継続出願の場合先行出願の出願日から一部継続出願の国内あるいはPCT国際出願日までの期間中に入手された重要な情報を含み、37 C.F.R. 1.56に定義される特許性に肝要な情報について開示義務があることを認めます。

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PIEZOELECTRIC DEVICE, LIQUID JETTING HEAD,
FERROELECTRIC DEVICE, ELECTRONIC DEVICE AND
METHODS FOR MANUFACTURING THESE DEVICES

☐ the specification of which is attached hereto

OR

☒ was filed on November 12, 2003
as United States Application Number or PCT
International Application Number 10/705,251
(Confirmation No. 3192),
and was amended on
_____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.



Japanese Language Declaration

私は35 U.S.C. 119(a)-(d) あるいは (f),
または365(b)に基づき特許出願者、あるいは植物育種
家証書の下記外国出願、または365(a)に基づきアメリカ
合衆国以外の少なくとも1ヶ国を指定した下記PCT国際出
願についての外国優先権特典をここに主張するとともに
、下記項目にx印を付けることにより優先権を主張する出
願以前の出願日を有する特許、発明者、あるいは植物育
種家証書の外国出願またはPCT国際出願を示します。

Prior Foreign Application Number(s)
先行外国出願番号

2002-326447 JP
(Application Number) (Country)
(出願番号) (国名)

2002-326449 JP
(Application Number) (Country)
(出願番号) (国名)

私は35 U.S.C. 119(e)に基づき下記の米国仮特許出願の国内
優先権をここに主張します。

(Application Number) (Filing Date)
(出願番号) (出願日)

(Application Number) (Filing Date)
(出願番号) (出願日)

私は35 U.S.C. 120に基づき下記米国特許出願、あるいは
365(c)に基づき米国を指定する下記PCT国際出願の利益を
ここに主張し、本特許出願内特許請求範囲の各項目の内
容が35 U.S.C. 112の最初の項に規定される方法により先
行米国あるいはPCT国際特許出願で開示されていない限り
において37 C.F.R. 1.56に定義される本出願の特許性に
肝要で、先行特許出願の出願日から本特許出願の国内
あるいはPCT国際出願日までの期間中に入手された情報
について開示義務があることを認めます。

Prior U.S. or International Application Number(s)
先行米国あるいは国際出願番号

(Application Number) (Filing Date)
(出願番号) (出願日)

(Application Number) (Filing Date)
(出願番号) (出願日)

私は本宣言書内で私自身の知識に基づいてなされたすべ
ての陳述が真実であり、情報および信ずるところに基づ
いてなされたすべての陳述が真実であると信じられてい
ることをここに宣言し、さらに故意になされた虚偽の陳
述等々は18 U.S.C.
1001に基づき罰金あるいは拘禁または両方による処罰に
あたり、またかような故意による虚偽の陳述はそれに基
づく特許出願あるいは成立特許の有効性を危うくする可
能性があることを認識した上でこれらの陳述をなしたこ
とを宣言します。

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-
(d) or (f), or 365(b) of any foreign application(s) for patent,
inventor's or plant breeder's rights certificate(s), or 365(a) of
any PCT international application(s) which designated at least
one country other than the United States of America, listed
below and have also identified below, by checking the box, any
foreign application(s) for patent, inventor's or plant breeder's
rights certificate(s), or any PCT international application(s)
having a filing date before that of the application on which
priority is claimed.

Priority Claimed?
優先権の主張 ?

Yes No
有り無し
☒ ☐

November 11, 2002
(Filing Date)
(出願日)

November 11, 2002
(Filing Date)
(出願日)

☒ ☐

I hereby claim domestic priority under 35 U.S.C. 119(e) of any
United States provisional application(s) listed below.

I hereby claim benefit under 35 U.S.C. 120 of any United States
application(s) or 365(c) of any PCT international application(s)
designating the United States, listed below and, insofar as the
subject matter of each of the claims of this application is not
disclosed in a listed prior United States or PCT international
application in the manner provided by the first paragraph of
35 U.S.C. 112, I acknowledge my duty to disclose any
information material to the patentability of this application as
defined in 37 C.F.R. 1.56 which occurred between the filing
date of the prior application and the national or PCT
international filing date of this application:

(Status: patented, pending, abandoned)
(状態: 特許成立済、係属中、放棄済)

(Status: patented, pending, abandoned)
(状態: 特許成立済、係属中、放棄済)

I hereby declare that all statements made herein of my own
knowledge are true and that all statements made on information
and belief are believed to be true; and further that these
statements were made with the knowledge that willful false
statements and the like so made are punishable by fine or
imprisonment, or both, under 18 U.S.C. 1001 and that such
willful false statements may jeopardize the validity of the
application or any patent issued thereon.

Japanese Language Declaration

委任状：私は下記の米国特許商標局（USPTO）顧客番号のもとに記載されるSUGHRUE MION法律事務所のすべての弁護士を、同顧客番号のもとに記載される個々の弁護士はSughrue Mion法律事務所のための自由裁量に基づき変更され得ることを認識した上で、本特許出願の手続きおよびそれに関わる米国特許商標局との業務を遂行する弁護士として指名し、本特許出願に関するすべての通信が同USPTO顧客番号のもとに提出された住所宛に送付されることを要請します。

POWER OF ATTORNEY: I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. §1.69(b):

The declaration and power of attorney is an accurate translation of the corresponding English language declaration and power of attorney.

Signature

Date

[Signature]
04/09/2004

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

電話連絡は下記へ：

SUGHRUE MION, PLLC
(202) 293-7060

Direct Telephone Calls to:

SUGHRUE MION, PLLC
(202) 293-7060

NAME OF SOLE OR FIRST INVENTOR:

唯一あるいは第一の発明者名

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合]) Takamitsu

Family Name or Surname

姓 HIGUCHI

Inventor's signature

発明者の署名

Takamitsu Higuchi

Date

日付

April 25, 2005

Residence:

住所: Nagano-ken Japan

Citizenship

国籍 Japan

Mailing Address: c/o Seiko Epson Corporation

郵送先: 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

NAME OF SECOND INVENTOR:

第二の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合]) Setsuya

Family Name or Surname

姓 IWASHITA

Inventor's signature

発明者の署名

Setsuya Iwashita

Date

日付

April 22, 2005

Residence:

住所: Nagano-ken, Japan

Citizenship

国籍 Japan

Mailing Address: c/o Seiko Epson Corporation

郵送先: 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

NAME OF THIRD INVENTOR:

第三の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Hiromu

Family Name or Surname

姓

MIYAZAWA

Inventor's signature

発明者の署名

Hiromu Miyazawa

Date

日付

April 25, 2005

Residence:

住所:

Nagano-ken, Japan

Citizenship

国籍

Japan

Mailing Address:

郵送先:

c/o Seiko Epson Corporation

3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

NAME OF FOURTH INVENTOR:

第四の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Koji

Family Name or Surname

姓

SUMI

Inventor's signature

発明者の署名

Koji Sumi

Date

日付

April 14, 2005

Residence:

住所:

Nagano-ken, Japan

Citizenship

国籍

Japan

Mailing Address:

郵送先:

c/o Seiko Epson Corporation

3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

NAME OF FIFTH INVENTOR:

第五の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Masami

Family Name or Surname

姓

MURAI

Inventor's signature

発明者の署名

Masami Murai

Date

日付

April 15, 2005

Residence:

住所:

Nagano-ken, Japan

Citizenship

国籍

Japan

Mailing Address:

郵送先:

c/o Seiko Epson Corporation

3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

NAME OF SIXTH INVENTOR:

第六の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Maki

Family Name or Surname

姓

ITO

Inventor's signature

発明者の署名

Maki Ito

Date

日付

April 15, 2005

Residence:

住所:

Nagano-ken, Japan

Citizenship

国籍

Japan

Mailing Address:

郵送先:

c/o Seiko Epson Corporation

3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

NAME OF SEVENTH INVENTOR:

第七の発明者名:

Given Name (first and middle [if any])

名 (名およびミドルネーム[該当する場合])

Li

Family Name or Surname

姓

XIN-SHAN

Inventor's signature

発明者の署名

Xin-Shan Li

Date

日付

April 14, 2005

Residence:

住所:

Nagano-ken, Japan

Citizenship

国籍

Japan China

Mailing Address:

郵送先:

c/o Seiko Epson Corporation

3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan q78440

April 17, 2005
Xin-Shan Li

Supplemental Priority Data Sheet
優先権に関する追補データシート

Additional prior foreign applications:
追加の先行外国特許出願：

[illegible]

Additional provisional applications:
追加的仮出願：

Application Number(s) 出願番号	Filing Date 出願日

Additional U.S. or International applications:
追加的米国または国際出願：

Application Number(s) 出願番号	Filing Date 出願日	Status: patented, pending, abandoned (状態: 特許成立済、係属中、放棄済)